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DOUGLAS MAURICE SHORTRIDGE,
5 Plaintiff,
6 v.
7 FOUNDATION CONSTRUCTION
8 PAYROLL SERVICE, LLC, et al.,
9 Defendants.

10 Case No. [14-cv-04850-JCS](#)

11
12 **ORDER GRANTING DEFENDANTS'
MOTION FOR JUDGMENT ON THE
PLEADINGS**

13 Re: Dkt. No. 40

14 **I. INTRODUCTION**

15 This case arises from pro se Plaintiff Douglas Shortridge's claim that Defendants
16 Foundation Construction Payroll Service (dba Payroll4Construction.com), Foundation Software,
17 Inc., and Associated Builders and Contractors, Inc. infringed one or more claims of a patent that
18 Shortridge owns, U.S. Patent No. 8,744,933 (the "'933 patent").¹ The '933 patent relates to
19 computer processing of certified payroll records ("CPRs") and other data relevant to public works
20 construction contracts. Defendants move for judgment on the pleadings under Rule 12(c) of the
21 Federal Rules of Civil Procedure, arguing that the '933 patent is invalid for claiming ineligible
22 subject matter under 35 U.S.C. § 101 and the "abstract ideas" exception to eligibility. The Court
23 held a hearing on April 3, 2015. Shortridge's motion for leave to file a surreply (dkt. 60) is
24 GRANTED. The Court deems filed the proposed surreply attached to that motion. For the
25 reasons stated below, Defendants' motion for judgment on the pleadings is GRANTED, and the
26 Clerk is instructed to enter judgment in favor of Defendants.²

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28 ¹ The '933 patent is available in the record as Exhibit A to the First Amended Complaint (dkt. 21-1) and as Exhibit A to Defendants' Motion (dkt. 41-1). The latter is presented in a format that includes the column and line numbers cited in this Order.

² The parties have consented to the jurisdiction of the undersigned magistrate judge for all purposes pursuant to 28 U.S.C. § 636(c).

II. BACKGROUND**A. Public Works Payroll Processing and Management**

Government contract construction projects often require context- and jurisdiction-specific minimum wage levels, as well as submission of CPRs documenting compliance. *See '933 Patent* at 1:34–40. Different jurisdictions require different wages, as well as different contents and formats of CPRs. *See id.* at 1:56–63. Certain elements of CPR reporting are universally required for any payroll processing, while others are specific to the public works context and often to certain jurisdictions. *See id.* at 2:41–3:20. The patent at issue refers to the former as “core payroll” and the latter as “public works payroll.”

Some clients and/or jurisdictions may also require certain ratios of or limitations on hours performed by apprentices as opposed to journeyman employees. *See id.* at 7:10–19. Certain jurisdictions also require contributions to industry training funds based on the hours worked by employees in those industries. *See Surreply* (dkt. 66) at 4–5.

B. The '933 Patent**1. Overview**

The patent at issue in this case concerns a computer-based solution for “an employer who contracts . . . for work under one or more government agencies (jurisdictions) for one or more Public Works projects, or who contracts concurrently on several multi jurisdictional private and Public Works projects to process core payroll.” '933 Patent at 9:39–45. The invention, which includes system and method claims, allows the employer to “generate CPRs which meet or exceed the CPR-criteria requirements of any given governmental agency jurisdiction mandate or policy; provide alerts and reports allowing said contractor to anticipate compliance vulnerability and choose real time manpower options; provide evidence of meeting and exceeding government objectives as well as managing the assignment of personnel.” *Id.* at 9:45–51. Each claim involves the organization of data in a relational database to generate various reports.

2. Claims

The '933 patent includes twenty-four claims, three of which are independent claims. Because the parties have not stipulated to a representative claim, all twenty-four are addressed

1 below.

2 **a. Claim 1 and Its Dependent Claims**

3 Claim 1 reads as follows:

4 A method of public works construction payroll processing for a
5 contractor comprising:

6 processing payroll related data with a computer implemented core
7 payroll calculation and processing engine, the processing including:

8 sharing between conjoined computer processor components,
9 input data stored in a relational database, said input data
10 required for core payroll processing and calculation, said
input data also required for production of at least one
certifiable public works construction payroll record report
(CPR), the CPR defined in accordance with jurisdiction-
specific rules drawn from a plurality of stored rules;

11 distinguishing between public works projects and private
12 sector projects based on the input data and identifying the
project as a public works project based on the input data;

13 verifying input data is compliant with requirements of the
core payroll processing and calculation engine and the
14 requirements of the CPR;

15 processing the verified input data to produce calculated core
16 payroll data, the calculated core payroll data used for core
payroll processing, production of core payroll processing
reports, and production of the CPR;

17 sharing, between conjoined computer processor components,
18 the calculated core payroll data;

19 sharing, between the conjoined computer processor
20 components, non-calculated payroll related data as required
for production of the CPR;

21 storing the non-calculated payroll related data and the
calculated core payroll data redundantly or individually;

22 producing the CPR based on the calculated core payroll data
23 and the non-calculated payroll related data only if the input
data identifies the project as a public works project, the CPR
produced in conjunction with and simultaneously with core
payroll processing; and

24 producing public works contractor management supporting
25 reports using the input data only if the input data identifies
the project as a public works project, the public works
contractor management supporting reports indicating
whether the contractor is in compliance with the jurisdiction-

1 specific rules of a jurisdiction to which the public works
2 construction contractor is subject.

3 '993 Patent at 18:27–19:4. Claims dependent on Claim 1 include methods to: produce and submit
4 a final CPR (Claim 2); generate billing reports (Claim 3); track each employee’s work on private
5 projects as compared to public projects (Claim 4); generate reports to determine mandatory
6 contributions to training funds (Claim 5); generate reports demonstrating compliance with wage
7 and apprenticeship laws (Claim 6); generate “management supporting reports” including multiple
8 data elements (Claim 7); simultaneously process payroll under the rules of multiple jurisdictions
9 (Claim 8); draw from “input data includ[ing] data stored in a contractor table and a project table of
10 a regional database” to identify a project as a public works project (Claim 9); process data “to
11 produce calculated core payroll data . . . in conjunction with the step of producing the CPR”
12 (Claim 10); and produce preliminary reports indicating whether the contractor is in compliance
13 with a given jurisdiction’s rules, including rules related to journeyman and apprentice hours
(Claim 11). *Id.* at 19:5–59.

14 **b. Claim 12 and Its Dependent Claims**

15 The second independent claim is Claim 12, as follows:

16 A system for public works construction contractor payroll
17 processing comprising:

18 a computer processor, or a networked plurality of computer
processors, configured with:

19 computer readable instructions;

20 at least one data base application;

21 at least one user interface;

22 binary and application programming interfaces;

23 a core payroll calculation and processing engine configured
24 to perform payroll calculation and processing and produce
calculated core payroll data; and

25 an augmentation and supporting engine for public works
26 payroll processing operating in conjunction with the core
payroll calculation and processing engine and configured to
produce certifiable public works payroll records and reports
in conjunction with and simultaneously with the payroll
calculation and processing performed by the core payroll
calculation and processing engine, the augmentation and

1 supporting engine including a plurality of relational tables, at
2 least one relational table configured to distinguish between
3 private sector and public works projects, the augmentation
4 and supporting engine configured to receive the calculated
5 core payroll data and use the calculated core payroll data in
6 the production of the certifiable public works payroll
7 records, wherein the augmentation and supporting engine is
8 configured to produce the certifiable public works payroll
9 records and reports for a project only if the at least one
10 relational table identifies the project as one of the public
11 works projects, the certifiable public works payroll records
12 and reports for the project produced in accordance with
13 jurisdiction-specific rules drawn from a plurality of stored
14 rules.

15 *Id.* at 19:60–20:26.

16 The claims dependent on Claim 12 generally relate to the configuration of the system.
17 Claim 13 describes a networked system “in which the augmenting and supporting engine for
18 public works payroll processing is provided on a first of the networked plurality of computer
19 processors,” connected to a second processor for core payroll processing. *Id.* at 20:27–32. Claim
20 15 is similar, but calls for public works payroll processing by a “plurality of independent
21 processing modules connected by a plurality of interfaces to the core payroll calculation and
22 processing engine.” *Id.* at 10:43–47. Claim 14 describes a “monolithic” system in which the core
23 and public works processing engines are joined to provide simultaneous calculations, *id.* at
24 20:33–42, while Claim 16 describes a divided system where “discrete portions” of the process are
25 performed in “a core payroll system; the augmentation and supporting engine for public works
26 payroll processing; [and] an end-user portion of the system” in separate computing systems or a
27 combination of computing systems, *id.* at 20:48–57. Claim 17 requires a relational table
28 “distinguish[ing] between private sector and public works projects.” *Id.* at 20:58–61. Claims 18
and 19 describe a system capable of producing preliminary compliance reports (similar to Claim
11), with the latter focused on apprentice and journeyman hours. *Id.* at 20:62–21:10.

29 **c. Claim 20 and Its Dependent Claims**

30 Claim 20 describes a method of storing and using data to calculate payroll and generate
31 reports. This is the only independent claim that does not explicitly use the word “computer,”
32 although its reference to a “calculation and processing engine” indicates that it, too, is a computer-
33 based claim. *Id.* at 21:35; *see also* Opp’n (dkt. 63) at 4 (“The ’993 patent . . . improves the

1 *technological environment of automated payroll processing . . . ”). Claim 20 reads as follows:*

2 A method of public works payroll processing comprising:

3 storing contractor data for a contractor involved with a project in a
4 contractor table of a relational database, said contractor data
5 including employee information for a plurality of employees
6 employed by the contractor;

7 storing project data related to the project in a project table of the
8 relational database, said project data including man-hours for each
9 of the plurality of employees and government contract data, the
10 man-hours for each of the plurality of employees provided on a
11 project-specific basis, classification-specific basis, and date-specific
12 basis;

13 storing payroll processing criteria in a database, said payroll
14 processing criteria including jurisdiction-specific payroll
15 requirement data associated with a plurality of jurisdictions, the
16 plurality of jurisdictions including a jurisdiction associated with the
17 public works project;

18 distinguishing between public works projects and private sector
19 projects based on the project data in the project table of the
20 relational database and identifying the project as a public works
21 project based on the project data;

22 performing core payroll calculation and processing by a core payroll
23 calculation and processing engine based at least in part on the
24 contractor data, the project data, and the payroll processing criteria;
25 and

26 generating reports with an augmentation and supporting engine
27 based on said contractor data, said project data, and said payroll
28 processing criteria, said reports produced in conjunction with and
29 simultaneously with the core payroll calculation and processing, and
30 said reports including certified payroll records for the public works
31 project, the certified payroll records compliant with requirements of
32 the jurisdiction associated with the public works project.

33 *Id.* at 21:11–22:9. Claims 21, 22, and 23 call for data and reports including employees’ labor
34 classifications, such as ratios of apprentices to journeymen, and may involve “reports indicat[ing]
35 current or impending compliance vulnerability with respect to . . . jurisdiction-specific payroll
36 requirement data.” *Id.* at 22:10–25. Claim 24 describes a method in which the initial data
37 includes estimates of journeyman hours and apprentice hours, and the method is capable of
38 generating preliminary “real-time management supporting reports” comparing accrued hours to
39 the estimates. *Id.* at 22:26–36.

3. Prior Art Acknowledged in the '993 Patent

The '993 Patent acknowledges that companies have outsourced payroll processing to "payroll service companies or bureaus," referenced in the patent as "PCBs," since the 1950s, some of which "have developed computer processing engines to manage the payroll tracking, computation and function of check issuance." *Id.* at 3:59–66 & n.3. PCBs are "capable of generating many types of management assistance reports of many configurations based on the data inherent in most, if not all legally recognized employment sectors including Public Works contractor sector payroll, and . . . also capable of generating CPR[s] in compliance with . . . a very limited number of jurisdictional regulations." *Id.* at 4:6–12. The '933 patent also acknowledges preexisting stand-alone software products aimed at payroll processing, such as QuickBooks, but states that "most if not all [stand-alone software products] do not provide reporting functions which are generally satisfactory" in the context of public works CPRs. *Id.* at 3:48–55, 5:14–18; *but see id.* at 9:17–24 (acknowledging an existing "core payroll processing system" capable of completing federal CPRs, although not California CPRs). Finally, the '933 patent acknowledges an earlier patent for "web-based payroll and benefits administration," which describes a payroll processing product intended to generate customizable reports through an internet browser interface. *Id.* at 5:38–6:10 (citing U.S. Patent No. 6,401,079 B1). "However, there is no disclosure in [that earlier patent] regarding the non-customized, 'turn key' Public Works related complete CPR-criteria reporting functionality contemplated in the ['933 patent]." *Id.* at 6:10–13.

The '933 patent states that, because preexisting software could not adequately serve public works payroll processing and reporting needs in all circumstances, a contractor working in the field "must continually train and maintain a knowledgeable payroll and accounting staff and its computerized payroll system at high cost and subject to significant risk if such maintenance of staff and systems is deficient." *Id.* at 5:20–23.

C. Procedural History

Shortridge filed three complaints for infringement of the '993 patent against several defendants. *See* Compl. (dkt. 1); *Shortridge v. Automatic Data Processing, Inc.*, 14-cv-4413-JCS (N.D. Cal.) (the "ADP case"); *Shortridge v. Adaptasoft, Inc.*, 14-cv-4739-JCS (N.D. Cal.). The

1 cases were found to be related and assigned to the undersigned. In this case, Defendants moved to
2 dismiss, and Shortridge amended his Complaint pursuant to Rule 15(a)(1)(B). *See* Mot. to
3 Dismiss (dkt. 18); FAC (dkt. 21). After answering Shortridge's complaints, the defendants in this
4 case and the *ADP* case moved for judgment on the pleadings, claiming that the '933 patent is
5 invalid for ineligible subject matter. Each set of defendants filed a motion, Shortridge filed a
6 consolidated opposition, and each set of defendants filed a reply. The *ADP* case settled after the
7 replies were filed. Shortridge then moved to file a surreply in this case, which the Court has
8 allowed, and the Court held a hearing on April 3, 2015.

9 **D. The Present Motion and the Parties' Arguments**

10 **1. Defendants' Motion**

11 Defendants argue that the '933 patent is invalid because "the mere recitation of a well-
12 known concept facilitated by the use of generic computers does *not* constitute patent-eligible
13 subject matter," relying on the Supreme Court's decision in *Alice Corporation Pty. Ltd. v. CLS*
14 *Bank International*, 134 S. Ct. 2347 (2014), and its progeny. Mot. (dkt. 40) at 2. According to
15 Defendants, the '993 Patent is directed to the abstract idea of "producing payroll records and
16 reports for public works projects"—tasks that can be carried out with any generic computer, or
17 with a pen and paper. *Id.* at 11–12. Defendants contend that the '933 patent's claims do not add
18 any inventive element beyond the abstract idea of using generic computer technology for payroll
19 and CPR compliance. *Id.* at 14–18.

20 **2. Shortridge's Opposition**

21 Shortridge responds by arguing primarily that the '933 patent is eligible because it relates
22 to a "plurality of abstract ideas," whereas the patents invalidated by *Alice* and other precedent are
23 described in terms of a single abstract idea. Opp'n at 8–10. Shortridge differentiates between two
24 abstract ideas served by his invention: payroll processing and the creation of CPRs. *See id.* at
25 9–10. He characterized Defendants' Motion in this case as primarily focused on the latter and the
26 motion in the *ADP* case as focused more on the former, and argues that the difference between the
27 two motions underscores his point that the '933 patent addresses more than one idea. *Id.*
28 Shortridge also argues that the complexity and variety of CPR requirements in various

jurisdictions elevates the invention beyond an ordinary business practice, and that CPRs themselves are “something of a concrete or tangible form.” *See id.* at 11–19. He cites CPR-related laws from various jurisdictions as evidence of their complexity, and attaches as exhibits the various statutes that he included in the “File Wrapper” of his application for the ’933 patent. *See id.* at 6–7 (listing exhibits). According to Shortridge, although core payroll processing was once a non-technological business practice, the development of technological timekeeping devices leaves the field “necessarily rooted in computer technology” and thus eligible for patent protection. *Id.* at 19–21 (quoting *DDR Holdings LLC v. Hotels.com, L.P.*, 773 F.3d 1245, 1257 (Fed. Cir. 2014)).

In addition to *DDR Holdings*, Shortridge cites three cases in which district courts declined to invalidate patents under *Alice*. *Id.* at 23 (citing *Trading Techs. Int'l, Inc. v. CQG, Inc.*, No. 05-cv-4811, 2015 WL 774655 (N.D. Ill. Feb. 24, 2015); *Smartflash LLC v. Apple Inc.*, Nos. 6:13cv447, 6:13cv448-JRG-KNM, 2015 WL 661174 (E.D. Tex. Feb. 13, 2015); *Ameranth, Inc. v. Genesis Gaming Solutions, Inc.*, Nos. SACV 11-00189, 13-00720 AG (RNBx), 2014 WL 7012391 (C.D. Cal. Nov. 12, 2014)). Shortridge also argues that the ’933 patent does not risk preempting the abstract idea of CPR creation, because “anyone can do whatever they want to create CPRs (except by the method covered by the ’933 patent), including creating hand-written versions, computer generated customized Excel spreadsheet versions, or use a payroll process/CPR producing combination such as those prior art versions disclosed in the specification of the ’933 patent.” *Id.* at 17.

3. Defendants’ Reply

Defendants argue in their Reply that Shortridge has failed to address key post-*Alice* authority. *See Reply* (dkt. 65) at 3 (citing, e.g., *Content Extraction & Transmission LLC v. Wells Fargo Bank, N.A.*, 776 F.3d 1343 (Fed. Cir. 2014)). Defendants also argue that the cases Shortridge cites are inapposite, and instead contend that the Central District of California’s analysis in *Essociate, Inc. v. Clickbooth.com, LLC*—in which the court held invalid a patent related to “receiving and tracking referrals from referral sources”—is more on point. *Reply* at 4–5 (quoting *Essociate*, No. 13-01886-JVS, 2015 U.S. Dist. LEXIS 26757, at *14 (C.D. Cal. Feb. 11, 2015)). Defendants seize on Shortridge’s statement that CPRs can be produced in other ways,

1 “including creating hand-written versions” and using preexisting computer-based solutions, as an
2 admission that the ’933 patent merely describes a computer-based implementation of a well
3 known, abstract business method. *Id.* at 6.

4 **4. Shortridge’s Surreply**

5 Shortridge’s Surreply pursues his contention that Defendants’ arguments oversimplify the
6 ’933 patent. *See generally* Surreply (dkt. 66). Shortridge argues that the ’933 patent is valid
7 because the invention relates to “organizing human activity.” *Id.* at 2. The only concrete example
8 of such organization that Shortridge cites is tracking apprentice and journeyman hours on one or
9 more projects. *Id.* at 2 & n.2. The Surreply also discusses use of the invention to calculate
10 mandatory contributions to industry training funds, citing Claim 5 of the ’933 patent. *Id.* at 4–5;
11 *see* ’933 Patent at 19:22–24.

12 **III. ANALYSIS**

13 **A. Legal Standard Under Rule 12(c)**

14 Defendants move for judgment on the pleadings pursuant to Rule 12(c) of the Federal
15 Rules of Civil Procedure.³ “Analysis under Rule 12(c) is ‘substantially identical’ to analysis under
16 Rule 12(b)(6)[.] . . . [U]nder both rules, ‘a court must determine whether the facts alleged in the
17 complaint, taken as true, entitle the plaintiff to a legal remedy.’” *Chavez v. United States*, 683 F.3d
18 1102, 1108 (9th Cir. 2012) (citation omitted). In this case, however, it is the sufficiency of the
19 patent—rather than of the complaint itself—that is at issue.

20 There is no question that a court may examine at the pleading stage whether a patent is
21 directed to eligible subject matter under 35 U.S.C. § 101. *See generally, e.g., buySAFE, Inc. v.*
22 *Google, Inc.*, 765 F.3d 1350 (Fed. Cir. 2014) (affirming determination of ineligibility on a 12(c)
23 motion); *see also Content Extraction*, 776 F.3d at 1345 (Fed. Cir. 2014) (affirming determination
24 of ineligibility on a motion to dismiss under Rule 12(b)(6)); *Ultramercial, Inc. v. Hulu, LLC*, 772
25 F.3d 709 (Fed. Cir. 2014) (same). Indeed, Judge Mayer’s concurrence in *Ultramercial* extolled
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³ Shortridge’s Opposition recites the legal standard for a summary judgment under Rule 56.
28 *See Opp’n at 7–8.* That standard does not apply to Defendants’ Rule 12(c) Motion, which does
not rely on extrinsic evidence beyond the First Amended Complaint and the ’933 patent attached
thereto.

1 the virtues of “addressing section 101 at the outset of litigation,” noting both doctrinal benefits
2 based on “the section 101 determination bear[ing] some of the hallmarks of a jurisdictional
3 inquiry,” and practical benefits including conservation of resources for litigants as well as the
4 judiciary. *Id.* at 718–19 (Mayer, J., concurring). Although the Federal Circuit noted in an earlier
5 decision that it will sometimes be necessary “to resolve claim construction disputes prior to § 101
6 analysis,” even that case recognized that “claim construction is not an inviolable prerequisite to a
7 validity determination under § 101.” *Bancorp Servs., L.L.C. v. Sun Life Assurance Co. of Can.*
8 (*U.S.*), 687 F.3d 1266, 1273–74 (Fed. Cir. 2012).

9 While it is well established that a court may conduct an eligibility analysis under Rule
10 12(c), it is less clear what standard should apply in this context in terms of the parties’ burdens and
11 presumptions. The Court finds the conclusions of a recent Central District of California decision
12 persuasive as to those issues:

13 Because, ordinarily, no evidence outside the pleadings is considered
14 in resolving a motion to dismiss or a motion for judgment on the
15 pleadings, it makes little sense to apply a “clear and convincing
16 evidence” standard—a burden of proof—to such motions. Cf.
17 *Content Extraction*, 776 F.3d at 1348–49 (rejecting argument that
18 clear and convincing evidence standard required court to address all
19 patent claims). As Judge Mayer points out in his concurring opinion
20 in *Ultramercial*, “Although the Supreme Court has taken up several
21 section 101 cases in recent years, it has never mentioned—much less
22 applied—any presumption of eligibility. The reasonable inference,
23 therefore, is that while a presumption of validity attaches in many
24 contexts, no equivalent presumption of eligibility applies in the
25 section 101 calculus.” *Ultramercial*, 772 F.3d at 720–21 (Mayer, J.,
26 concurring).

27 Although the clear and convincing evidence standard is not
28 applicable to the Motion, Defendants, as the parties moving for
relief, still bear the burden of establishing that the claims are patent-
ineligible under § 101. Additionally, in applying § 101 jurisprudence
at the pleading stage, the Court construes the patent claims in a
manner most favorable to Plaintiff. See *Content Extraction*, 776
F.3d at 1349.

29 *Modern Telecom Sys. LLC v. Earthlink, Inc.*, No. SA CV 14-0347-DOC, 2015 WL 1239992, at
30 *7–8 (C.D. Cal. Mar. 17, 2015).

B. Subject Matter Eligibility**1. Alice, Its Predecessors, and § 101**

Federal law recognizes certain categories of inventions eligible for patent protection: “process[es], machine[s], manufacture[s], or composition[s] of matter.” 35 U.S.C. § 101. The Supreme Court has “long held that this provision contains an important implicit exception: Laws of nature, natural phenomena, and abstract ideas are not patentable.” *Alice*, 134 S. Ct. at 2354 (quoting *Ass’n for Molecular Pathology v. Myriad Genetics, Inc.*, 133 S. Ct. 2107, 2116 (2013)). The present motion implicates the “abstract ideas” exception, which has received significant attention in recent years.

Although *Alice* is generally considered the leading case on abstract idea ineligibility, it relies heavily on the Supreme Court’s earlier decisions in *Bilski v. Kappos*, 561 U.S. 593 (2010), and *Mayo Collaborative Services v. Prometheus Laboratories, Inc.*, 132 S.Ct. 1289 (2012). See *Alice*, 134 S. Ct. at 2355–57. The plaintiff in *Bilski* sought to patent a method of hedging against risk in commodities and energy markets; “all members of the Court agree[d] that the patent application at issue [was ineligible under] § 101 because it claim[ed] an abstract idea.” *Bilski*, 561 U.S. at 599, 609, 611. As summarized in *Alice*, the *Mayo* decision:

set forth a framework for distinguishing patents that claim laws of nature, natural phenomena, and abstract ideas from those that claim patent-eligible applications of those concepts. First, we determine whether the claims at issue are directed to one of those patent-ineligible concepts. *Mayo*, 132 S.Ct. at 1296–97. If so, we then ask, “[w]hat else is there in the claims before us?” *Id.* at 1297. To answer that question, we consider the elements of each claim both individually and “as an ordered combination” to determine whether the additional elements “transform the nature of the claim” into a patent-eligible application. *Id.* at 1298, 1297. We have described step two of this analysis as a search for an ““inventive concept”—*i.e.*, an element or combination of elements that is “sufficient to ensure that the patent in practice amounts to significantly more than a patent upon the [ineligible concept] itself.” *Id.* at 1294.

Alice, 134 S. Ct. at 2355 (brackets in original; format of internal citations modified). Some courts have suggested that these two steps tend to coalesce in their application. See, e.g., *Eclipse IP LLC v. McKinley Equip. Corp.*, No. SACV 14-742-GW (AJWx), 2014 WL 4407592, at *2 (C.D. Cal. Sept. 4, 2014) (“Describing this as a two-step test may overstate the number of steps involved.”).

“The claims at issue [in *Alice*] relate[d] to a computerized scheme for mitigating

1 ‘settlement risk’—*i.e.*, the risk that only one party to an agreed-upon financial exchange will
2 satisfy its obligation.” *Alice*, 134 S. Ct. at 2352. To summarize in broad strokes, the patents
3 described a system in which a third-party intermediary computer system would monitor the
4 transaction parties’ bank accounts, and would issue instructions to complete the transaction only if
5 and when both parties were able to satisfy their obligations. *Id.* The Court held that “[l]ike the
6 risk hedging in *Bilski*, the concept of intermediated settlement is ‘a fundamental economic practice
7 long prevalent in our system of commerce,’” and that the patents at issue were therefore “directed
8 to” an abstract idea for the purpose of the first *Mayo* step. *Id.* at 2356–57 (quoting *Bilski*, 561 U.S.
9 at 611).

10 At the second step, the *Alice* Court considered whether the patents at issue supplemented
11 that abstract idea with an “inventive concept” sufficient to confer eligibility. *Id.* at 2357. Based
12 on the principles that neither “[s]tating an abstract idea while adding the words ‘apply it’” nor
13 “limiting the use of an abstract idea to a particular technological environment” is enough, the
14 Court held that “[s]tating an abstract idea while adding the words ‘apply it with a computer’” is
15 similarly deficient. *Id.* at 2358 (citations and internal quotation marks omitted). The Court
16 concluded that although the claimed method described the process in somewhat more detail—“[a]s
17 stipulated, [it] require[d] the use of a computer to create electronic records, track multiple
18 transactions, and issue simultaneous instructions”—all of the computer functions implicated were
19 “well-understood, routine, conventional activities previously known to the industry” and required
20 “no more than . . . a generic computer to perform generic computer functions.” *Id.* at 2359
21 (citations, brackets, and internal quotation marks omitted). Because the patents did “not, for
22 example, purport to improve the functioning of the computer itself [or] effect an improvement in
23 any other technology or technical field,” the Court held that they did not add an inventive element
24 to elevate the claims beyond ineligible abstract ideas. *Id.* at 2359–60. Accordingly, the Court
25 affirmed the Federal Circuit’s conclusion that the patents were invalid. *Id.* at 2360.

26 **2. Abstract Ideas After Alice**

27 The Supreme Court determined that it “need not labor to delimit the precise contours of the
28 ‘abstract ideas’ category in [*Alice*].” *Id.* at 2357. The Federal Circuit summarized the current

1 landscape of this doctrine in its recent *Content Extraction* opinion:

2 [A]lthough there is no categorical business-method exception, *Bilski v. Kappos*, 561 U.S. 593, 606, 608 (2010), claims directed to the mere formation and manipulation of economic relations may involve an abstract idea. *See Alice*, 134 S. Ct. at 2356–57. We have also applied the Supreme Court’s guidance to identify claims directed to the performance of certain financial transactions as involving abstract ideas. *See buySAFE, Inc. v. Google, Inc.*, 765 F.3d 1350, 1355 (Fed. Cir. 2014) (creating a transaction performance guaranty for a commercial transaction on computer networks such as the Internet); *Accenture Global Servs., GmbH v. Guidewire Software, Inc.*, 728 F.3d 1336, 1338 (Fed. Cir. 2013) (generating rule-based tasks for processing an insurance claim); *Bancorp Servs., L.L.C. v. Sun Life Assur. Co. of Canada (U.S.)*, 687 F.3d 1266, 1278 (Fed. Cir. 2012) (managing a stable value protected life insurance policy); *Dealertrack [Inc. v. Huber*, 674 F.3d 1315, 1333 (Fed. Cir. 2012)] (processing loan information through a clearinghouse).

10 *Content Extraction*, 776 F.3d at 1346.

11 In *Content Extraction*, the Federal Circuit held that patents describing a method of extracting, recognizing, and storing digital data from scanned hard copy documents were based on 12 an abstract idea because “[t]he concept of data collection, recognition, and storage is undisputedly well-known . . . , humans have always performed these functions[, a]nd banks have, for some 13 time, reviewed checks, recognized relevant data such as the amount, account number, and identity 14 of account holder, and stored that information in their records.” *Id.* The court held that the second 15 *Mayo* step did not save those patents, because “all of the additional limitations in the claims cited 16 in [the patent owner’s] appeal brief recite well-known, routine, and conventional functions of 17 scanners and computers.” *Id.* at 1349.

18 Two other Federal Circuit decisions finding patents ineligible are also informative. In 19 *Bancorp*, a pre-*Alice* case decided in 2012, the Federal Circuit held that “[t]o salvage an otherwise 20 patent-ineligible process, a computer must be integral to the claimed invention, facilitating the 21 process in a way that a person making calculations or computations could not,” and that merely 22 “[u]sing a computer to accelerate an ineligible mental process does not make that process patent- 23 eligible.” *Bancorp*, 687 F.3d at 1278–79. The court therefore affirmed the decision below “that 24 without the [generic] computer limitations nothing remains in the claims but the abstract idea of 25 managing a stable value protected life insurance policy by performing calculations and 26 27 managing a stable value protected life insurance policy by performing calculations and

1 manipulating the results.” *Id.* at 1280. More recently, in *Ultramercial*, the Federal Circuit held
2 that a patent reciting eleven steps to receive and display copyrighted material on the internet in
3 exchange for viewers watching advertisements, and to receive payment from the advertiser, was
4 rooted primarily in “the abstract idea of showing an advertisement before delivering free content”
5 and failed to add anything more than “routine additional steps.” *Ultramercial*, 772 F.3d at
6 714–16.

7 **3. *DDR Holdings***

8 The Federal Circuit’s recent *DDR Holdings* decision is notable for distinguishing *Alice* and
9 affirming the eligibility of a software patent. *See generally DDR Holdings*, 773 F.3d 1245. The
10 patents at issue in that case disclosed a system to create hybrid websites for electronic shopping, in
11 order to address the perceived problem of websites losing visitor traffic when visitors clicked on
12 advertisements. *See id.* at 1248–49. Normally, when a visitor to a host website clicked on an
13 advertisement for a third party’s product, the visitor would be presented with that third party’s
14 website to purchase or learn more about the product. *Id.* The patents described a system that
15 would, when a customer clicked on an advertisement, generate a “composite” web page displaying
16 the product (or other content) related to the third-party advertiser, but retaining the “look and feel”
17 of the host website. *Id.* “Thus, the host website can display a third-party merchant’s products, but
18 retain its visitor traffic by displaying this product information from within a generated web page
19 that ‘gives the viewer of the page the impression that she is viewing pages served by the host’
20 website.” *Id.* at 1249 (quoting U.S. Patent No. 6,629,135). The Federal Circuit held that one
21 patent was invalid by anticipation, but considered whether another patent—which had “a greater
22 emphasis on a scalable computer architecture to serve dynamically constructed web pages
23 associated with multiple host website and merchant pairs”—recited patent-eligible subject matter
24 within the scope of § 101. *Id.* at 1249, 1252–59 (citations, internal quotation marks, and brackets
25 omitted).

26 Applying the two-step analysis of *Mayo* and *Alice*, the Federal Circuit held that “the
27 precise nature of the abstract idea [implicated by the claims at issue was] not as straightforward as
28 in *Alice* or some of our other recent cases.” *Id.* at 1257. The court noted that the “asserted claims

1 do not recite a mathematical algorithm [or] a fundamental economic or longstanding commercial
2 practice,” and that “[a]lthough the claims address a business challenge (retaining website visitors),
3 it is a challenge particular to the internet.” *Id.* Without clearly resolving whether the claims were
4 directed to an abstract idea, the court held that “under any . . . characterization[] of the abstract
5 idea, the ’399 patent’s claims satisfy *Mayo/Alice* step two.” *Id.* at 1257.

6 The court distinguished cases invalidating patents that “merely recite the performance of
7 some business practice known from the pre-Internet world along with the requirement to perform
8 it on the Internet” on the basis that the patent at issue in *DDR Holdings* “is necessarily rooted in
9 computer technology in order to overcome a problem specifically arising in the realm of computer
10 networks.” *Id.* The Federal Circuit emphasized that, in its determination, the creation of a hybrid
11 web page—as opposed to mere redirection to the advertiser’s preexisting page—“overrides the
12 routine and conventional sequence of events ordinarily triggered by the click of a hyperlink,” and
13 thus held that the patent survived *Alice* because “the claims recite an invention that is not merely
14 the routine or conventional use of the Internet.” *Id.* at 1258–59. The court “caution[ed], however,
15 that not all claims purporting to address Internet-centric challenges are eligible for patent.” *Id.* at
16 1358 (citing *Ultramercial*, 772 F.3d at 714).

17 **C. Application to the ’933 Patent**

18 **1. *Alice/Mayo* Step 1: The ’933 Patent Is Directed to an Abstract Idea**

19 Shortridge admits that the ’933 patent is “directed to the abstract idea of payroll
20 processing,” Opp’n at 22 (“The claims preambles say as much.”), and agreed at the hearing that it
21 is directed to “one or more abstract ideas.” He nevertheless focuses a significant portion of his
22 Opposition on the first step of *Alice* and *Mayo*. *Id.* at 10–15. Despite Shortridge’s apparent
23 arguments to the contrary, the Court has no difficulty concluding that the ’933 patent is directed to
24 the abstract idea of cataloging labor data, and therefore falls “squarely within the realm of
25 ‘abstract ideas’ as [courts] have used that term.” *See Alice*, 134 S. Ct. at 1257.

26 The fact that such data can be used for multiple purposes—such as “core” payroll
27 processing, generating CPRs, monitoring apprentice-to-j journeyman ratios, and calculating training
28 fund contributions—fails to negate the abstraction of the underlying process. As long as

1 employees have been paid an hourly wage, employers have utilized various methods of tracking
2 the hours that their employees work. In his Opposition, Shortridge attributes this development to
3 the period following the Civil War, which is certainly long enough past to be considered an
4 established business practice. *See Opp'n at 19–20.* Similarly, for as long as businesses have been
5 required to track their employees' work on specific projects for other purposes—such as CPRs,
6 labor classification ratios, and training fund contributions—they have done that as well, and are
7 capable of doing so using non-technological means. *See '933 Patent at 5:18–22* (describing an
8 established method of CPR compliance by “continually train[ing] and maintain[ing]
9 knowledgeable payroll and accounting staff and [a] computerized payroll system”); *Opp'n at 17*
10 (acknowledging that employers can “creat[e] handwritten versions” of CPRs). That many
11 employers now use technological methods to track hours, *see Opp'n at 20–21*, does not make the
12 practice any less abstract. If it did, the Supreme Court's conclusion in *Alice* that using a third-
13 party intermediary to facilitate financial transactions is an established and abstract practice would
14 be untenable in light of the widespread adoption of electronic banking. *See Alice*, 134 S. Ct. at
15 2356.

16 Shortridge argues that the '933 patent withstands *Alice* because it is directed to “a
17 plurality of abstract ideas” rather than a single abstract idea. *See Opp'n at 9.* He identifies the
18 purportedly distinct concepts of “payroll processing,” “producing payroll records and reports for
19 public works processing,” and “organizing human activity” (specifically, managing ratios of
20 apprentice and journeyman hours). *Id.*; Surreply at 2 & n.2. Shortridge identified other abstract
21 ideas at the hearing, such as “project management.” As a starting point, the Court disagrees with
22 Shortridge's characterization of the patent, and finds that even viewing the claims in the light most
23 favorable to Shorridge, the '933 patent is directed to the unitary abstract idea of cataloging labor
24 data. Even if that were not so, however, the Court is aware of no case holding that merely
25 combining two or three abstract ideas brings a patent within the scope of § 101, and the available
26 authority tends to suggest the contrary. In *Content Extraction*, although the Federal Circuit used
27 the singular term “abstract idea,” it articulated that “idea” as: “1) collecting data, 2) recognizing
28 certain data within the collected data set, and 3) storing that recognized data in a memory.”

1 Content Extraction, 776 F.3d at 1348. Further, Shortridge’s position would suggest that despite
2 the Supreme Court’s holdings that intermediated settlement and hedging against risk are,
3 separately, ineligible abstract business practices, *see generally Alice*, 134 S. Ct. 2347, *Bilski*, 561
4 U.S. 593, a process of using intermediate settlement to complete hedging transactions could
5 satisfy the eligibility standard of § 101. Although that hypothetical patent is of course not
6 presently before this Court, its claim to eligibility would be doubtful at best, and it would tend to
7 implicate the rule that “limiting an abstract idea to one field of use or adding token postsolution
8 components d[oes] not make the concept patentable.” *See Bilski*, 561 U.S. at 612 (discussing
9 *Parker v. Flook*, 437 U.S. 584 (1978)).

10 There may be some point when a combination of abstract ideas becomes concrete
11 invention; if broken down finely enough, virtually any invention could perhaps be characterized as
12 a combination of abstract concepts, laws of nature, and the like. *See Alice*, 134 S. Ct. at 2354
13 (noting the need to “distinguish between patents that claim the ‘building blocks’ of human
14 ingenuity and those that integrate the building blocks into something more” (citation and brackets
15 omitted)). Merely using routine organization of data to serve a handful of different purposes does
16 not, however, rise to that level.

17 Shortridge also suggests that the process described for generating CPRs is not abstract
18 because “CPRs are *concrete and tangible documents*, historically in paper form.” *See Opp’n* at 5.
19 The ’933 patent, however, does not describe the creation of tangible paper documents; it describes
20 the compilation of data that makes up the content of such documents—whether in tangible paper
21 form or intangible electronic form. The tangible documents themselves are created by a wholly
22 different invention: the printer, or arguably the manufacturing processes for paper and ink. The
23 processes described in the ’933 patent do not alter the creation of the *tangible* aspects of CPRs in
24 any significant way.

25 Finally, the Court is not persuaded by Shortridge’s argument that the claimed capability to
26 accurately complete CPRs for multiple jurisdictions is patent eligible because the “wide variety of
27 opinions, formats, and ways of dealing with the various data elements required [for CPRs] in
28 various jurisdictions” is not a “well understood” process. *Opp’n* at 18; *see also* Surreply at 4–5

1 (discussing other reports needed to comply with some jurisdictions' public works laws). Complex
2 subject matter does not necessarily bestow eligibility, as illustrated in the often-cited example that
3 "Einstein could not patent his celebrated law that E=mc²." *See Mayo*, 132 S. Ct. at 1293 (quoting
4 *Diamond v. Chakrabarty*, 447 U.S. 303, 309 (1980)). What enables Shortridge's claimed
5 processes to generate CPRs and other necessary reports for multiple jurisdictions is not any
6 technological innovation, but rather comprehensive knowledge of those jurisdictions'
7 requirements. That sort of regulatory understanding, while undoubtedly valuable and likely
8 difficult to acquire, is nevertheless not patentable subject matter, because it is both abstract and
9 non-innovative.

10 **2. *Alice/Mayo* Step 2: The '933 Patent Does Not Add a Sufficiently Inventive
11 Element**

12 Having determined that the '933 patent is directed to an abstract idea, the Court must next
13 "examine the limitations of the claims to determine whether the claims contain an 'inventive
14 concept' to 'transform' the claimed abstract idea into patent-eligible subject matter."
15 *Ultramercial*, 772 F.3d at 715 (citing *Alice*, 134 S. Ct. at 2354). For the most part, Shortridge's
16 arguments as to what constitutes "something more" than an abstract idea overlap with the Court's
17 analysis above—for the reasons previously discussed, the Court holds that neither the various
18 applications of data organization (e.g., the distinction between CPRs and training fund
19 contributions) nor the capability to comply with multiple jurisdictions' requirements transforms
20 the abstract idea of organizing labor data into non-abstract patentable subject matter.

21 Shortridge also argues that the '933 patent "is necessarily rooted in computer[ized payroll
22 processing] technology in order to overcome a problem specifically arising in the realm of
23 [computerized payroll processing]." Opp'n at 21 (quoting *DDR Holdings*, 773 F.3d at 1257)
24 (alterations in original). Shortridge does not, however, identify any way in which the claims
25 "purport to improve the functioning of the computer itself [or] effect an improvement in any other
26 technology or technical field." *See Alice*, 134 S. Ct. at 2359. Nor does he argue that the process
27 described in the '933 patent "overrides the routine and conventional sequence of events" in order
28 to cause some deviation from a "computer [or] network operating in its normal, expected manner."

1 See *DDR Holdings*, 773 F.3d 1258. Instead, the '933 patent describes a routine computer-based
2 application of “the well-known concept of categorical data storage, *i.e.*, the idea of collecting
3 information in classified form, then separating and transmitting that information according to its
4 classification,” which courts have recognized as “an abstract idea that is not patent-eligible.” See
5 *Cyberfone Sys., LLC v. CNN Interactive Grp., Inc.*, 558 Fed. App’x 988, 992 (Fed. Cir. 2014); see
6 also *Bascom Research, LLC v. LinkedIn, Inc.*, No. 12-CV-06293-SI, 2015 WL 149480, at *9
7 (N.D. Cal. Jan. 5, 2015) (quoting *Cyberfone*).

8 While each claim of the '933 patent involves the use of relational databases and tables,
9 Shortridge does not argue that relational databases constitute the sort of technological
10 improvement sufficient to confer eligibility on the otherwise abstract process of generating labor
11 reports. As a method of organizing data on a computer, relational databases are “well-understood,
12 routine, conventional [and] previously known to the industry.” *See Alice*, 134 S. Ct. at 2359;
13 Tracy Pickerell, *The Paradox Database Management Program: Worth the Time & Effort to*
14 *Explore*, 9 No. 9 Law. PC 6 (1992) (describing the use of off-the-shelf relational database software
15 to organize legal documents more than fifteen years before Shortridge applied for the '933 patent).
16 On a technical level, using relational databases to store and organize labor data therefore “does no
17 more than require a generic computer to perform generic computer functions.” *Alice*, 134 S. Ct. at
18 2359.

19 Each claim also requires the use of “processing engines.” *See '933 Patent* at, e.g.,
20 18:29–30 (Claim 1, calling for “a computer implemented core payroll calculation and processing
21 engine”). There is some dispute as to the meaning of the word “engines” in the claims: the
22 defendants in the *ADP* case understood it to mean “computer programs,” while Shortridge argues
23 that it refers to “various core payroll processing machines or ‘hardware.’” *See ADP Mot.* (Case
24 No. 14-4413, dkt. 48) at 9; Opp’n at 21–22. Construing the claims in the light most favorable to
25 Shortridge, and thus accepting his construction of “engines” to mean hardware, the '933 patent
26 still describes nothing more than the sort of “generic” hardware that the Supreme Court held
27 insufficient in *Alice*. To paraphrase that case, “nearly every computer will include a [processing
28 engine].” *Alice*, 134 S. Ct. at 2360.

1 That leaves only generic descriptions of computer components, such as “conjoined
2 computer processing components,” ’933 Patent at 18:32–33, “a computer processor, or a
3 networked plurality of computer processors,” *id.* at 19:62–63, “at least one user interface,” *id.* at
4 19:66, “a plurality of independent processing modules connected by a plurality of interfaces to the
5 core payroll calculation and processing engine,” *id.* at 20:45–47, and “an end-user portion of the
6 system,” *id.* at 20:54, to name a few. Further, the fact that the ’933 patent describes a wide variety
7 of alternative configurations of such components only underscores its potential to preempt
8 virtually any use of relational databases (a standard method of organizing computer-based data) in
9 the public works labor context. *See, e.g., id.* at 20:27–32 (Claim 13, describing a “networked
10 plurality of computer processors”); *id.* at 20:33–42 (Claim 14, describing a “monolithic public
11 works payroll processing system); *id.* at 20:43–47 (Claim 15, describing a “plurality of
12 independent processing modules”).

13 **3. The Cases Shortridge Cites are Inapposite**

14 This case is not like *DDR Holdings*, where the Federal Circuit determined that the
15 invention at issue “overr[ode] the routine and conventional” operation of fundamentally computer-
16 based technology, i.e., internet hyperlinks. *See DDR Holdings*, 773 F.3d at 1258. The recent
17 district court cases that Shortridge cites are also inapplicable.

18 The patents at issue in *Smartflash* described a technical process to “address specific ways
19 of managing access to digital content data based on payment validation through storage and
20 retrieval of use status data and use rules in distinct memory types and evaluating the use data
21 according to the use rules.” *Smartflash*, 2015 WL 661174, at *9. The Eastern District of Texas
22 carefully determined in that case that no preexisting non-computerized equivalent existed for the
23 invention’s “access restrictions” on media that a user could purchase, such as “such as the number
24 of times a user may watch a movie, the length of time the user has access to it, and restrictions on
25 reproducing it.” *Id.* *Smartflash* is therefore distinguishable from here, where the ’933 patent
26 merely describes a computer-based method to complete the routine—and not inherently
27 computerized or technological—business practice of organizing labor data and generating reports.

28 In *Ameranth*, the Central District of California held that the defendants simply did not meet

1 their burden of demonstrating that the patents at issue—Involving certain aspects of the
2 management of internet-based poker games—were directed to an abstract idea. *Ameranth*, 2014
3 WL 7012391, at *4–6. The defendants identified only the concept of a “customer loyalty
4 program,” which failed to capture many aspects of the claims. *See id.* That court held that it was
5 “not the Court’s role to develop winning theories for the parties,” and therefore declined to
6 invalidate the patents. *See id.* at 4. Here, however, Defendants have sufficiently explained that
7 the ’933 patent is directed to the abstract and established business practice of organizing labor data
8 to comply with public works law. *See Mot.* at 11 (identifying the “abstract idea [of] producing
9 payroll records and reports for public works projects”). Notwithstanding Shortridge’s arguments
10 to the contrary, *see Opp’n* at 9–10, the fact that Defendants in this case, the defendants in the
11 related *ADP* case, and now the Court each articulate the underlying abstract idea somewhat
12 differently is of little consequence. As the District of Delaware recently explained:

13 There are several problems, however, with the Plaintiffs’ focus on
14 semantics. First, the court rejects the assertion that the [defendants]
15 present “contradictory articulations” of the abstract idea. Rather,
16 their framing of the invention appears entirely consistent. Second,
17 the court fails to understand how the use of slightly different words
18 to describe something abstract is proof that it is not abstract. Indeed,
19 “abstract” is defined as “relating to or involving general ideas or
20 qualities rather than specific people, objects, or actions.” *Abstract*,
21 Merriam–Webster: Dictionary and Thesaurus, <http://www.merriam-webster.com/dictionary/abstract> (last visited Mar. 10, 2015). The
22 English language is capable of conveying like ideas in different
23 terms.

24 *Tenon & Groove, LLC v. Plusgrade S.E.C.*, No. CV 12-1118-GMS-SRF, 2015 WL 1133213, at *3
25 (D. Del. Mar. 11, 2015). The Court agrees with those conclusions, and finds them wholly
26 applicable to Shortridge’s arguments based on what he perceives as discrepancies between the
27 defendants’ motions in this case and the related *ADP* case.

28 Perhaps the closest case that Shortridge cites is *Trading Technologies International*, where
the Northern District of Illinois determined that graphical user interfaces (“GUIs”) designed to
display a “static price axis” for commodities trading “recite[d] an invention that is not merely the
routine or conventional use” of computers or the Internet,” but rather “eliminated some problems
of prior GUIs relating to speed, accuracy and usability.” *Trading Techs. Int’l*, 2015 WL 774655,

1 at *5. Even that case, however, addresses a more inherently technological problem than the
2 categorization and processing of labor data contemplated by the '933 patent.

3 **4. The '933 Patent's Claims Are Ineligible for Patent Protection**

4 "To salvage an otherwise patent-ineligible process, a computer must be integral to the
5 claimed invention, facilitating the process in a way that a person making calculations or
6 computations could not." *Bancorp*, 687 F.3d at 1278. It must do more than merely "accelerate an
7 ineligible mental process." *Id.* at 1279. The patent must describe some degree of technological
8 innovation beyond merely the "abstract idea implemented on a generic computer [or] a handful of
9 generic computer components configured to implement the same idea." *Alice*, 134 S. Ct. at 2360.
10 As the Federal Circuit explained in *Ultramercial*, "[i]t is not that generic computers . . . are not
11 'technology,' but instead that they have become indispensable staples of contemporary life," and
12 as such "their use should in general remain 'free to all men and reserved exclusively to none.'"
13 *Ultramercial*, 772 F.3d at 723–24 (quoting *Funk Bros. Seed Co. v. Kalo Inoculant Co.*, 333 U.S.
14 127, 130 (1948)).

15 The '933 patent does not meet this standard. Its claims "amount[] to electronic
16 recordkeeping—one of the most basic functions of a computer"—simply applied in the context of
17 public works labor management using generic computer equipment. *See Alice*, 134 S. Ct. at 2359.
18 Because neither "limiting an abstract idea to one field of use," *Bilski*, 561 U.S. at 612, nor
19 requiring even "a substantial and meaningful role for [a] computer," *Ultramercial*, 772 F.3d at 722
20 (quoting *Alice*, 134 S. Ct. at 1359), will bring an otherwise ineligible claim within the scope of
21 § 101, the '933 patent is ineligible and invalid.

22 **IV. CONCLUSION**

23 For the reasons stated above, Defendants' motion for judgment on the pleadings is
24 GRANTED. Leave to amend would serve no purpose here because the flaw lies in Shortridge's
25 / / /
26 / / /
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1 patent rather than in his pleading. The Clerk is therefore instructed to enter judgment in
2 Defendants' favor and close the file.

3 **IT IS SO ORDERED.**

4 Dated: April 14, 2015

5 
6 JOSEPH C. SPERO
Chief Magistrate Judge

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United States District Court
Northern District of California